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(71) Applicant (for all designated States except US): DE STAAT DER NEDERLANDEN, VERTEGENWORDEID DOOR DE MINISTER VAN VOLKSGEZONDHEID, WELZIJN EN SPORT [NL/NL]; P.O. Box 20350, NL-2500 EJ Den Haag (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LUYTJES, Willem [NL/NL]; Christinalaan 41, NL-3761 BR Soest (NL). WIDJOJOATMODJO, Myra, Noorely [NL/NL]; Schimmelpennincklaan 12, NL-3571 BH Utrecht (NL).

(74) Agent: VAN WESTENBRUGGE, Andries; Nederlandse Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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(54) Title: A RESPIRATORY SYNCYTIAL VIRUS WITH A GENOMIC DEFICIENCY COMPLEMENTED IN TRANS

(57) Abstract: The present invention relates to pneumoviral virions comprising a viral genome that has a mutation in a gene coding for a protein that is essential for infectivity of the pneumovirus, whereby the mutation causes a virus produced from only the viral genome to lack infectivity, and whereby the virion comprises the protein in a form and in an amount that is required for infectivity of the virion. The invention relates to methods for producing the pneumoviral virions and for using the virions in the treatment or prevention of pneumoviral infection and disease. A preferred pneumoviral virion is a virion of Respiratory Syncytial Virus in which preferably the gene for the G attachment protein is inactivated and complemented *in trans*.